

### **AMENDMENTS TO THE SPECIFICATION**

Please amend the specification as follows:

Page 6, please replace paragraph [0020] with the following:

-- Preferentially, the production of multilayer coatings with layers of high-refraction and low-refraction material alternating one on the other. Preferentially,  $\text{Nb}_2\text{O}_5$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{ZrO}_2$  or  $\text{Al}_2\text{O}_3$  and, as low-refraction material,  $\text{SiO}_2$ , are provided.--

Page 14-15, please replace paragraph [0068] with the following:

--Single layers of a high-refracting material, such as  $\text{Nb}_2\text{O}_3$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{TiO}_2$ ,  $\text{ZrO}_2$ ,  $\text{Al}_2\text{O}_3$  require for a low optical loss a deposition in the reactive sputtering with only a slight oxygen deposit, the coatings being thereafter exposed to the reactive plasma of the plasma source. The energy of the particles of the reactive plasma of the plasma source 5 is preferably lower than 50 eV. For low-refraction single layers such as  $\text{SiO}_2$  can also be obtained with a greater oxygen deficit in the reactive sputtering followed by the action of the reactive plasma of the plasma source.--